

Science Toolkit: Grade 5 Objective 1.C.1.a

Student Handout: Science: Grade 5 Objective 1.C.1.a

Standard 1.0 Skills and Processes

Topic C. Communicating Scientific Information

Indicator 1. Recognize that clear communication is an essential part of doing science because it enables scientists to inform others about their work, expose their ideas to criticism by other scientists, and stay informed about scientific discoveries around the world.

Objective a. Make use of and analyze models, such as tables and graphs to summarize and interpret data.

Selected Response (SR) Item

Question

Use the information below to answer the following:

Dolphins that are found in oceans live either near coastlines or in deeper waters offshore. Dolphins that live near a coastline have larger flippers and smaller bodies than dolphins that live in deeper waters.

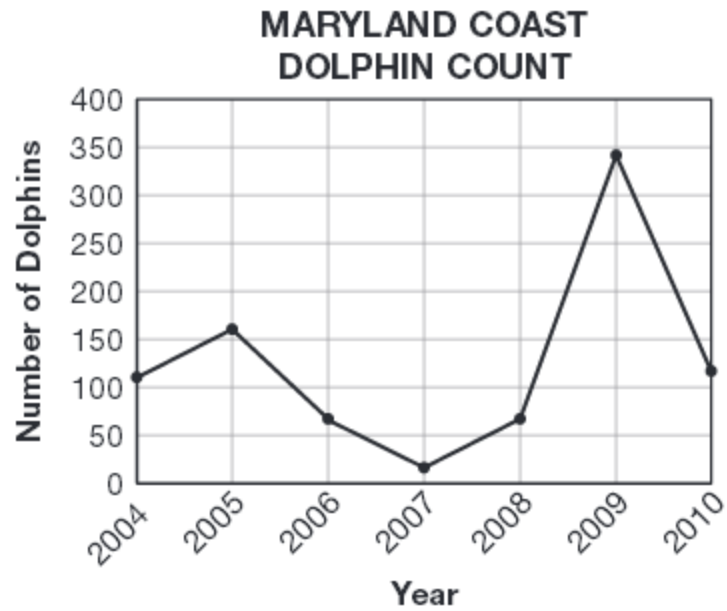


Dolphins That Live Near Coastline



Dolphins That Live in Deeper Water

Dolphins that live near the Maryland coastline are often observed in water temperatures between 10° Celsius and 32° Celsius. The number of dolphins counted during several years is shown in the graph below.



Which year most likely had temperatures between 10° Celsius and 32° Celsius for the longest amount of time?

- A. 2004
- B. 2005
- C. 2009
- D. 2010

Correct Answer

C. 2009

Question

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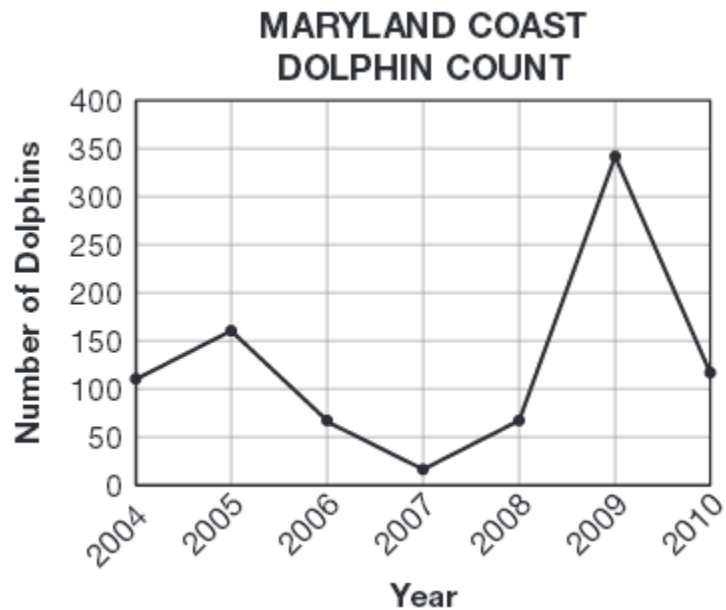


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